Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 06:00 on Wednesday 09 Mar 2022 until 23:59 on Thursday 10 Mar 2022

Forecast Issued on Wednesday 09 Mar 2022 at 03:38 by Met Office Aberdeen

Confidence: High for a changeable, mainly unsettled week with periods of very strong, generally southerly to southeasterly winds. Medium for details of hill fog on Thursday and rain/summit snow from Friday.

Headline for Wednesday 09 Mar 2022: Rain and snow spreading east today, with storm force summit winds, easing later.

Mountain weather hazards on Wednesday 09 Mar 2022

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Medium Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Light snow	Sleet	Heavy Rain	Sleet	Sleet
Precipitation probability					
<05%	20%	80%	60%	60%	60%

Forecast for Wednesday 09 Mar 2022

Weather: Dry overnight conditions but with occasional hill fog lasting until midday before a band of rain moves east across most of the area through the afternoon, although the far east may stay dry until dark. Rain initially falling as sleet or snow down to around 1000 m, but freezing levels will quickly lower from late-afternoon across the far west, allowing snow to fall to 700 m. Severe gale or storm force winds, especially on the higher peaks in the Cairngorms such as Lochnagar and Mount Keen, before quickly easing later in the day.

Chance of cloud-free hill tops above 800m: 50% overnight into Wednesday morning due to occasional hill fog, lowering 30% by early-afternoon as rain and hill snow move in, and 10% or less late-afternoon.

Low Cloud and visibility: Excellent visibility away from occasional hill fog, with patchy cloud with bases 600-800 m overnight. Visibility lowering moderate in rain through the afternoon, and very poor in snow or hill fog, with cloud bases widely 300-500 m, and occasionally 200 m.

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Forecast for Wednesday 09 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	66/77 S	73/87 S	64/80 S	51/65 S	36/43 SW	15/19 SW	15/19 S
900	46/57 S	53/67 S	47/64 S	38/51 S	25/33 SW	12/16 SW	9/13 S
600	26/45 S	34/58 S	34/58 S	25/45 S	16/28 SW	6/11 SW	5/9 SE
300	6/20 SE	5/21 SW	22/46 S	16/34 S	9/22 SW	4/9 W	2/5 SE
Glen	9/23 S	6/19 SE	17/36 S	16/34 S	11/24 SW	5/10 W	2/5 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-2/-13	-2/-14	-1/-12	-0/-10	-1/-9	-2/-8	-2/-7
900	1/-9	0/-10	1/-8	2/-6	1/-6	-1/-5	-0/-4
600	3/-4	3/-5	4/-3	4/-2	3/-2	1/-2	1/-2
300	5/3	6/4	7/3	7/4	6/3	4/2	3/1
Glen	6/3	6/5	8/5	9/5	7/4	5/3	4/2
Freezing Level*	1000m	900m	1100m	1200m	1100m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Storm force winds giving extremely hazardous conditions through Wednesday.

Forecast for Thursday 10 Mar 2022
Weather: Areas of hill fog and rain and drizzle affecting a large area of the region until mid-afternoon, before clearing northeast to leave a drier end to the day with hazy sunshine in the west. Strong to gale southerly to southeasterly summit winds strengthen with severe gales through the evening.

Maximum wind: Southerly to southeasterly winds strengthening through the day, peaking mean 30-40 mph gusting 45-55 mph through Thursday evening.

Chance of cloud-free hill tops above 800m: 10% or less morning and early-afternoon due to widespread hill fog, improving 75% from late-afternoon.

Low Cloud and visibility: Very poor in hill fog with cloud bases 150-300 m during the morning and afternoon, improving good through the afternoon away from isolated hill fog, with patchy cloud bases 700-900 m.

Temperature: **Glens:** Plus 1 celsius increasing to plus 8 celsius.
At 800m: Minus 3 celsius increasing to zero celsius.
Freezing level: 600 m early hours, increasing near summits by morning, lowering 600 m later.

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